

CARBIDE PIN GAUGE SET TAA·TAG series

LAPPED FINISH (except for custom made item) *Individual pin gauges are also available*

About 20–30 times more durable than Steel Pin Gauge (For honing work, 100 times)

The coefficient of thermal expansion is small (1/2 of steel, $5 \times 10^{-6} K^{-1}$) so the changes due to temperature are small.
Less likely to be damaged due to high hardness.
Even if broken, dimension does not change (no burrs broken edges).
Economical—Periodic calibration is not required.



● LAPPED FINISH **MATERIAL** Steel with carbide insert

TAA series JCSS Calibration available



SPECIFICATIONS

Nominal size (mm)	Step (mm)	Length (mm)	Tolerance (μm)	Out of Roundness (μm)	Cylindricity (μm)
0.50... 0.99	0.01 step	30	± 1	0.8	0.8
1.00... 2.99		38			
3.00... 10.00		50	± 1.5	1.3	1.3
10.01... 14.00					

0.01mm step

Model No.	Nominal size (mm)	Pins per set
TAA-0B	0.50 · 0.51 · 0.52... 1.00	51
TAA-1A	1.00 · 1.01 · 1.02... 1.50	51
TAA-1B	1.50 · 1.51 · 1.52... 2.00	51
TAA-2A	2.00 · 2.01 · 2.02... 2.50	51
TAA-2B	2.50 · 2.51 · 2.52... 3.00	51
TAA-3A	3.00 · 3.01 · 3.02... 3.50	51
TAA-3B	3.50 · 3.51 · 3.52... 4.00	51
TAA-4A	4.00 · 4.01 · 4.02... 4.50	51
TAA-4B	4.50 · 4.51 · 4.52... 5.00	51
TAA-5A	5.00 · 5.01 · 5.02... 5.50	51
TAA-5B	5.50 · 5.51 · 5.52... 6.00	51
TAA-6A	6.00 · 6.01 · 6.02... 6.50	51
TAA-6B	6.50 · 6.51 · 6.52... 7.00	51
TAA-7A	7.00 · 7.01 · 7.02... 7.50	51
TAA-7B	7.50 · 7.51 · 7.52... 8.00	51
TAA-8A	8.00 · 8.01 · 8.02... 8.50	51
TAA-8B	8.50 · 8.51 · 8.52... 9.00	51
TAA-9A	9.00 · 9.01 · 9.02... 9.50	51
TAA-9B	9.50 · 9.51 · 9.52... 10.00	51

TAG series (with Handle)

TAA series Pin Gauge with plastic handle



0.01mm step

SPECIFICATIONS

Nominal size (mm)	Step (mm)	Length (mm)		Tolerance (μm)	Out of Roundness (μm)	Cylindricity (μm)
		Gauge Length	Overall Length			
0.50... 0.99	0.01 step	25	63	± 1	0.8	0.8
1.00... 2.99		28	69			
3.00... 4.99		30	71			
5.00... 10.00		30	76			

Model No.	Nominal size (mm)	Pins per set
TAG-0B	0.50 · 0.51 · 0.52... 1.00	51
TAG-1A	1.00 · 1.01 · 1.02... 1.50	51
TAG-1B	1.50 · 1.51 · 1.52... 2.00	51
TAG-2A	2.00 · 2.01 · 2.02... 2.50	51
TAG-2B	2.50 · 2.51 · 2.52... 3.00	51
TAG-3A	3.00 · 3.01 · 3.02... 3.50	51
TAG-3B	3.50 · 3.51 · 3.52... 4.00	51
TAG-4A	4.00 · 4.01 · 4.02... 4.50	51
TAG-4B	4.50 · 4.51 · 4.52... 5.00	51
TAG-5A	5.00 · 5.01 · 5.02... 5.50	51
TAG-5B	5.50 · 5.51 · 5.52... 6.00	51
TAG-6A	6.00 · 6.01 · 6.02... 6.50	51
TAG-6B	6.50 · 6.51 · 6.52... 7.00	51
TAG-7A	7.00 · 7.01 · 7.02... 7.50	51
TAG-7B	7.50 · 7.51 · 7.52... 8.00	51
TAG-8A	8.00 · 8.01 · 8.02... 8.50	51
TAG-8B	8.50 · 8.51 · 8.52... 9.00	51
TAG-9A	9.00 · 9.01 · 9.02... 9.50	51
TAG-9B	9.50 · 9.51 · 9.52... 10.00	51